***Enclosure No 1 to Specification of Essentials terms***

***of the public contract (SIWZ)***

**Technical Specification**

1. The order is connected with delivery and installation of cloud chamber to observations of tracks of charged nuclear particles (alpha, beta, protons electrons, cosmic rays) at the Education and Training Division NCBJ.

The chamber should contain:

* Internal enlightening of the working layer,
* High-voltage generator,
* An inlet enabling insertion of radioactive samples into the chamber

Main parameters:

* Size of the working chamber: min. 40 x 40 cm (width x length)
* Isopropyl alkohol as a working medium
* Dimensions of the working layer: min. 40 x 40 x 0,5 cm (width x length x depth)
* Power supply: single-phase alternating current 230 V
* power consumption: max. 3 kW
* time of continous work: min. 8 hours a day (7 days/week)
* total weight: max. 250 kg
1. The order includes also training of the use of the chamber at the site of placement.
2. Term of warranty and service: Minimum 24 months of warranty (guarantee) is required, service at the user’s place within up to maximum 21 days from the lodging the complaint. If the repair has to be performed at Contractor, the transport costs will be covered by him.